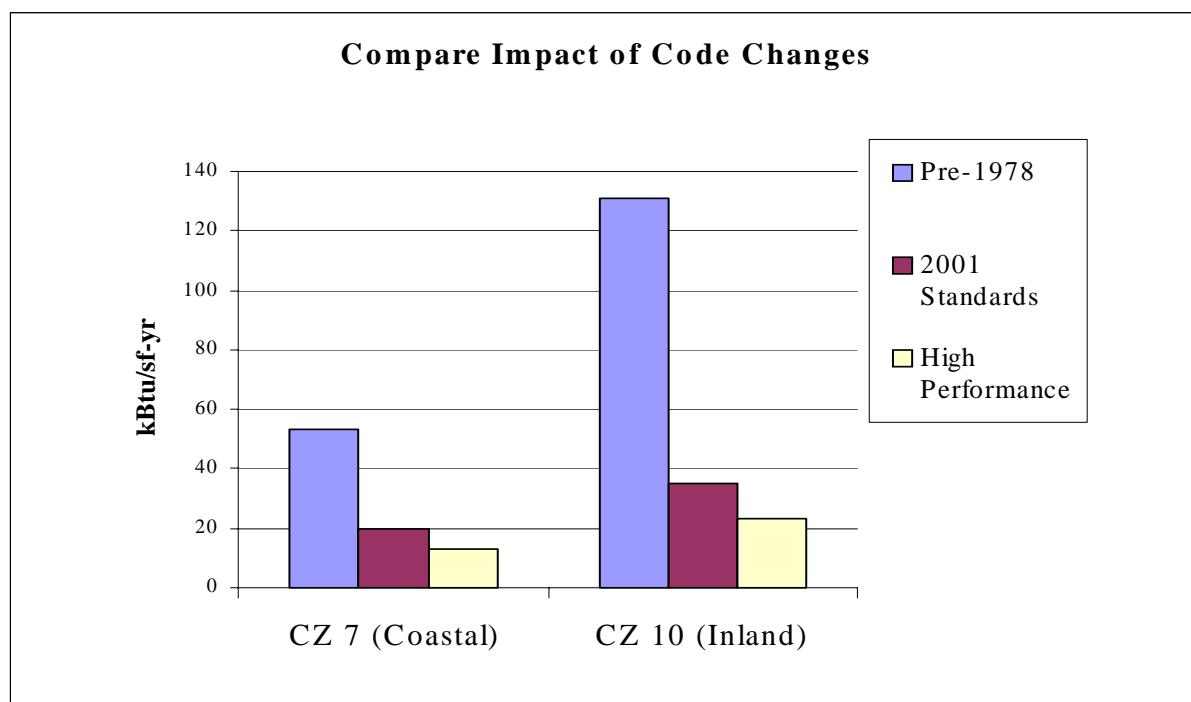


Impact of Title 24 Energy Efficiency Standards Related to Heating, Cooling and Water Heating in Single Family Dwellings

The coastal areas of the City of San Diego are in Climate Zone 7. The inland areas are in Climate Zone 10. The following graphic shows the difference in Btu's used annually for heating, cooling and water heating in a typical 1800 square foot, two story dwelling and compares the energy use of a dwelling constructed prior to 1978 with that of a dwelling constructed in compliance with the present energy conservation regulations.



Dwelling in:	Pre-1978 kBtu/year	2001 kBtu/year	Reductions resulting from present regulations
Climate Zone 7	53	20	33 kBtu/Yr - 62%
Climate Zone 10	131	35	96 kBtu/Yr - 73%

Programs are available from the State and SDG&E that provide design assistance and financial incentives to builders who voluntarily meet the High Performance benchmarks.

Notes:

This comparison does not include most lights or receptacle loads.

Values are based on a "typical" 1,800 square foot two-story house, with 20% glazing.

Values assume utility-supplied electricity and natural gas.

Courtesy of: SDG&E Home Energy Partnership Program

Analysis by: Brummitt Energy Associates - September 19, 2001